

## **How to Read the Test Reports SOCIAL STUDIES**

### **Overview of Grades 4, 8, and 11**

#### **Grade 4**

##### **Charts 4.1 – 4.4: Statewide by District Size Category (horizontal charts)**

- Arranged from the bottom of the chart up beginning with the state and going up the left side of the chart in the order of district-size category, small to large.
- The district size categories and the number of students tested in that district size category are labeled.
- The percents along the bottom of the chart are the NPRs.

#### **Grade 8**

##### **Charts 8.1 – 8.4: Statewide by District Size Category (horizontal charts)**

- Arranged from the bottom of the chart up beginning with the state and going up the left side of the chart in the order of district-size category, small to large.
- The district size categories and the number of students tested in that district size category are labeled.
- The district size categories are by size of the district and type.
- The percents along the bottom of the chart are the NPRs.

#### **Grade 11**

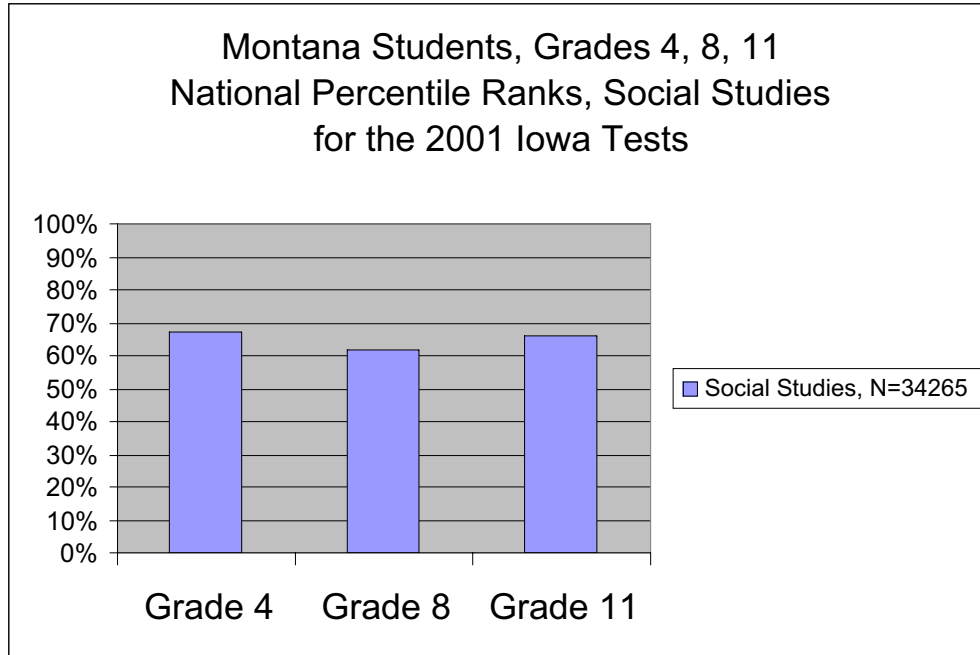
##### **Charts 11.1 – 11.4: Statewide by District Size Category (horizontal charts)**

- Arranged from the bottom of the chart up beginning with the state and going up the left side of the chart in the order of district-size category, small to large.
- The district size categories and the number of students tested in that district size category are labeled.
- The district size categories are by size of the district and type.
- The percents along the bottom of the chart are the NPRs.

## Social Studies, Grades 4, 8, and 11

**Chart 1: 4, 8, 11 SS**

The chart below shows the National Percentile Ranks for grades 4, 8, and 11. Grades 4 and 11 scored an NPR of about 67% while grade 8 students scored 62%.



**Table 1: 4, 8, 11 SS**

The table below shows the percentage of students for each disaggregation scoring in the combined Proficient and Advanced categories (P+A) and the Novice category for each of the three grades.

Groups	Grade 4		Grade 8		Grade 11	
	P + A Stanines 5-9	Novice Stanines 1-3	P + A Stanines 5-9	Novice Stanines 1-3	P + A Stanines 5-9	Novice Stanines 1-3
All Students	78%	10%	73%	13%	81%	8%
Students Without Disabilities	81%	8%	77%	10%	84%	6%
Students With Disabilities	49%	28%	32%	42%	33%	36%
Female Students	78%	10%	74%	11%	86%	5%
Male Students	78%	9%	70%	15%	76%	10%
Native American Students	55%	23%	42%	34%	59%	19%
White Students	82%	8%	76%	10%	83%	7%
Students on Free/Reduced Lunch	66%	16%	56%	23%	67%	15%

**Table 2: 4, 8, 11 SS**

National Percentile Rank for each disaggregation across Montana.

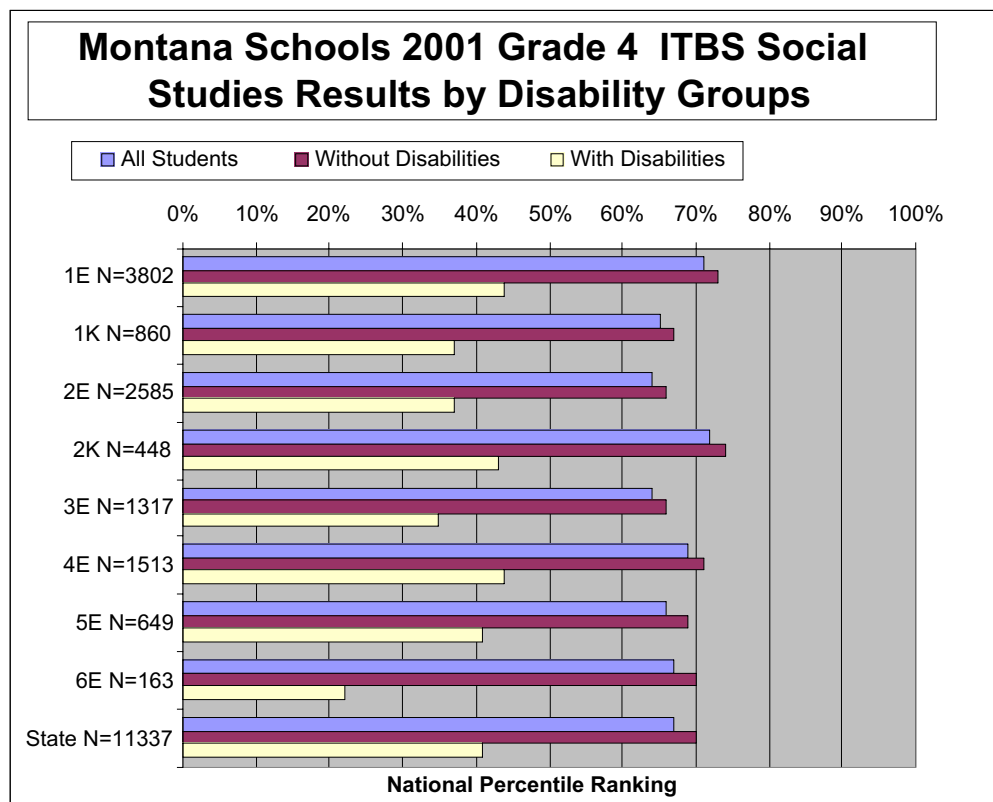
<b>Groups</b>	<b>Grade 4</b>	<b>Grade 8</b>	<b>Grade 11</b>
All Students	67%	62%	66%
Students Without Disabilities	70%	65%	69%
Students With Disabilities	41%	26%	32%
Female Students	66%	62%	69%
Male Students	70%	63%	64%
Native American Students	48%	35%	46%
White Students	71%	65%	68%
Students on Free/Reduced Lunch	57%	47%	54%

**Table 3: 4, 8, 11 SS**

Customized Skills Reports: Montana Social Studies Standards tested in the Iowa Tests

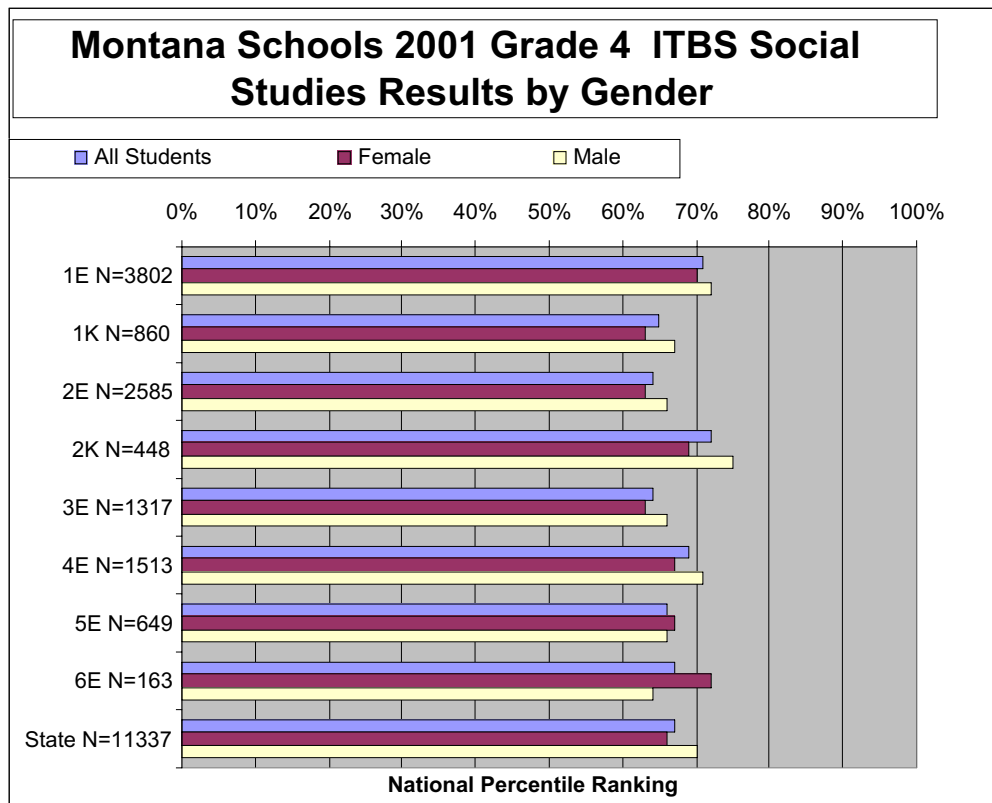
<b>Standard</b>	<b>Grade 4</b>		<b>Grade 8</b>		<b>Grade 11</b>	
	# of Items	Percent Correct	# of Items	Percent Correct	# of Items	Percent Correct
Access, evaluate and apply social studies knowledge.	2*	79%	15	64%	59	58%
Understand governmental structures and operations.	14	67%	15	60%	14	60%
Apply geographic knowledge and skills.	54	68%	46	63%	15*	63%
Understand the effects of historical events and people.	13	61%	39	59%	18	67%
Understand economic principles.	11*	62%	16*	56%	11*	63%
Understand the impact of cultural influences and diversity.	4*	58%	16*	62%	3*	66%
* The Iowa Tests measure the knowledge dimension of the Montana Standard, but do not adequately measure the application aspect.						

**Chart 4.1 SS**



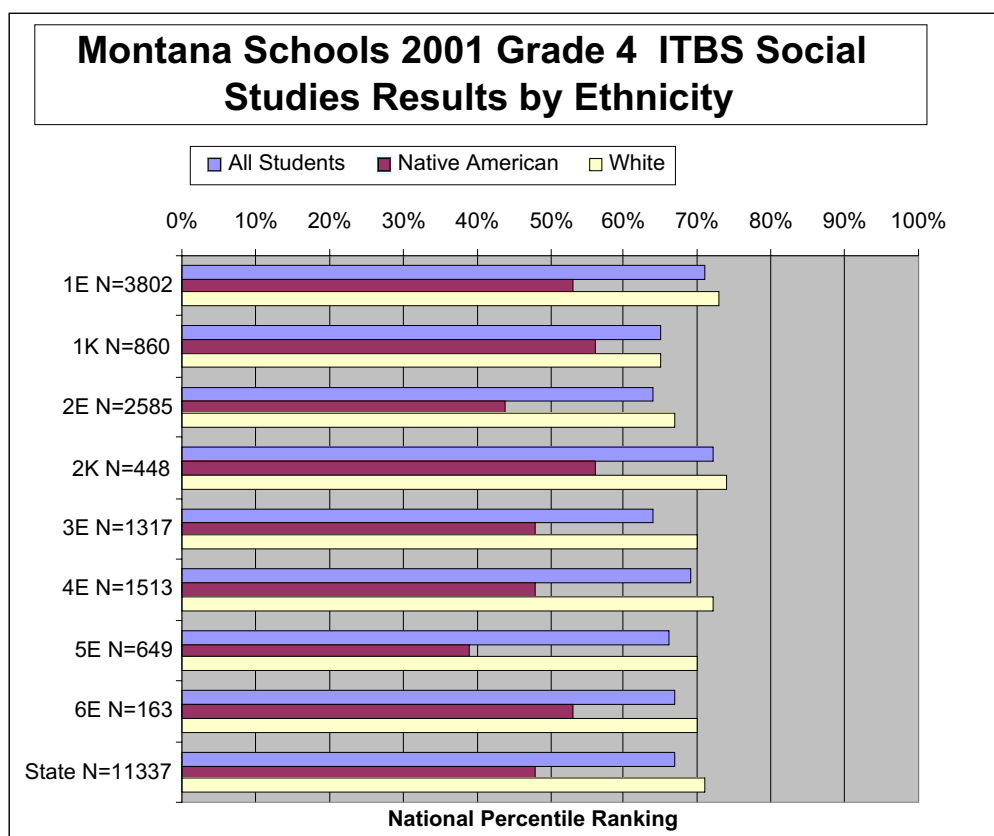
1. All students
  - The NPR for all Montana students is 67%.
2. Students without disabilities
  - Statewide, the NPR for students without disabilities is 70%. This number is relatively stable with districts plus or minus 3-4 percentage points.
3. Students with disabilities
  - Statewide, the NPR for students with disabilities tested is 41%. This number is stable with most district size categories at plus or minus 4-6 percentage points except 3E whose 107 students with disabilities scored 35% and 6E students whose number is too small for comparisons.
4. Students without and with disabilities compared
  - Statewide, Montana students without disabilities scored 29 percentage points above students with disabilities, 70% and 41% respectively. This number is relatively stable with most districts 4-5 points plus or minus the 29 percentage points except 6E, but the number of students with disabilities tested in this size category is too small for comparisons.

**Chart 4.2 SS**



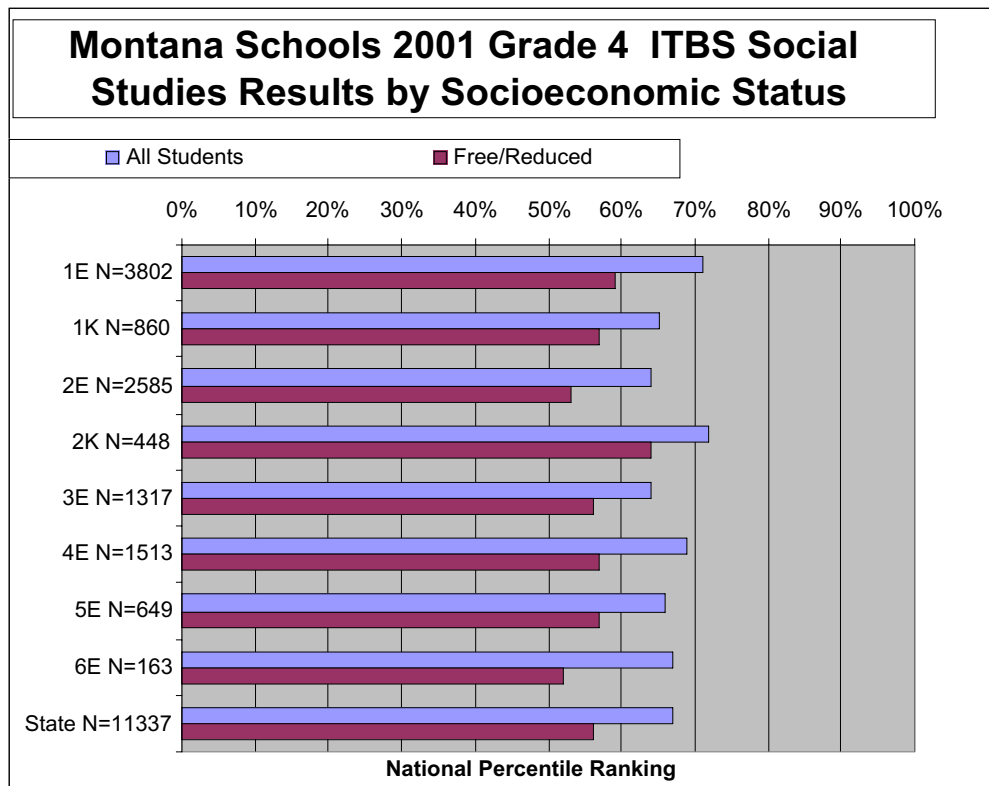
1. Male and female students
  - The NPR for all Montana students is 67%.
2. Female students
  - Statewide, the NPR for female students is 66%. That number is stable with all district size categories plus or minus 3-4 percentage points except 6E whose 85 female students scored 72%.
3. Male students
  - Statewide, the NPR for male students is 70%. That number is relatively stable with most district size categories plus or minus 3-4 percentage points except for district size 2K (75% for 242 males tested) and 6E (64% for 78 males tested), but the number is small, making the data less stable.
4. Male and female students compared
  - Statewide, females scored four percentage points below the males, 66% and 70% respectively, except 6E whose 85 female students scored eight points above 6E male students.

**Chart 4.3 SS**



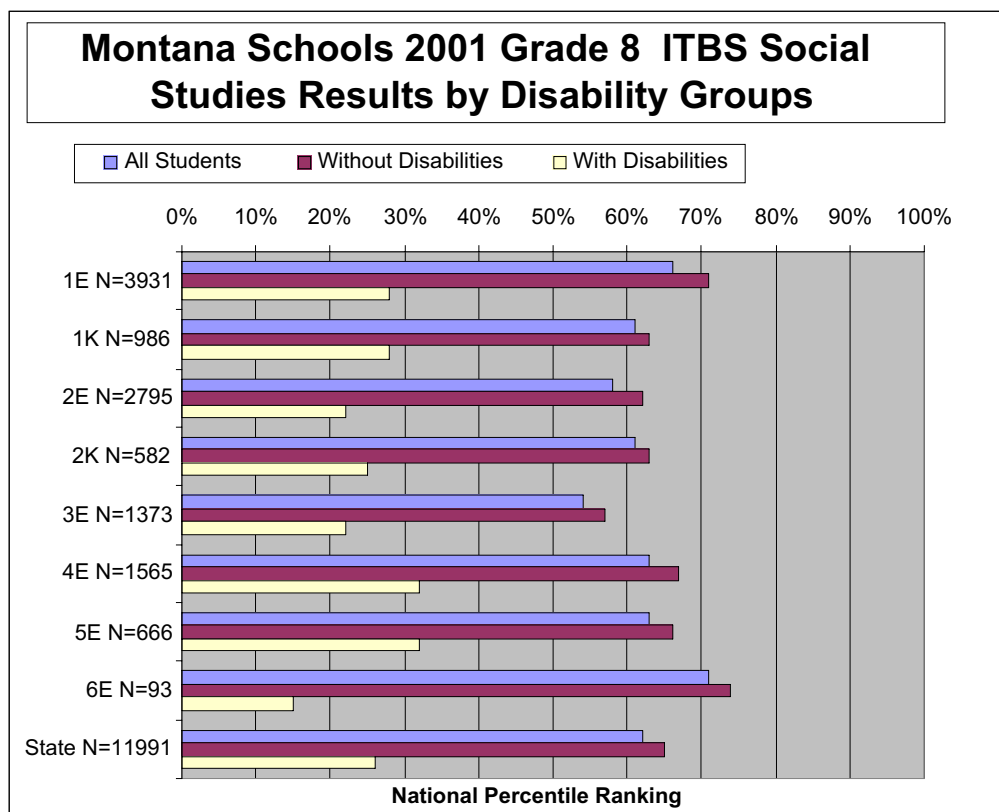
1. All students
  - The NPR for all Montana students is 67%.
2. Native American students
  - Statewide, the NPR for Native American students is 48%. This number is relatively stable with most districts plus or minus 3-4 percentage points except 1E whose 266 Native American students scored 53% and 1K, 2K, and 6E with small numbers that limit comparisons.
3. White students
  - Statewide, the NPR for White students tested is 71%. This number is relatively stable with most district size categories at plus or minus 3-4 percentage points except 1K whose 810 White students scored 65%.
4. Native American and White students compared
  - Statewide, Montana White students scored about 23 percentage points above Native American students, 71% and 48% respectively. This number is relatively stable except for district size categories 1K, 2K, and 5E showing a different point difference, but the small number of Native Americans tested makes the data too small for any comparisons.

**Chart 4.4 SS**



1. All students
  - The NPR for all Montana students is 67%.
2. Students participating in free/reduced lunch programs
  - Statewide, the NPR for students participating in free/reduced lunch programs is 57%. This number is relatively stable with all but one district size category scoring within plus or minus 2-3 percentage points. The 156 students in the 2K district size category who participated in free/reduced lunch programs scored 64%.
3. Comparison
  - Statewide, all Montana students scored about ten percentage points higher than those participating in free/reduced lunch programs except a very small number of students in size category 6E.

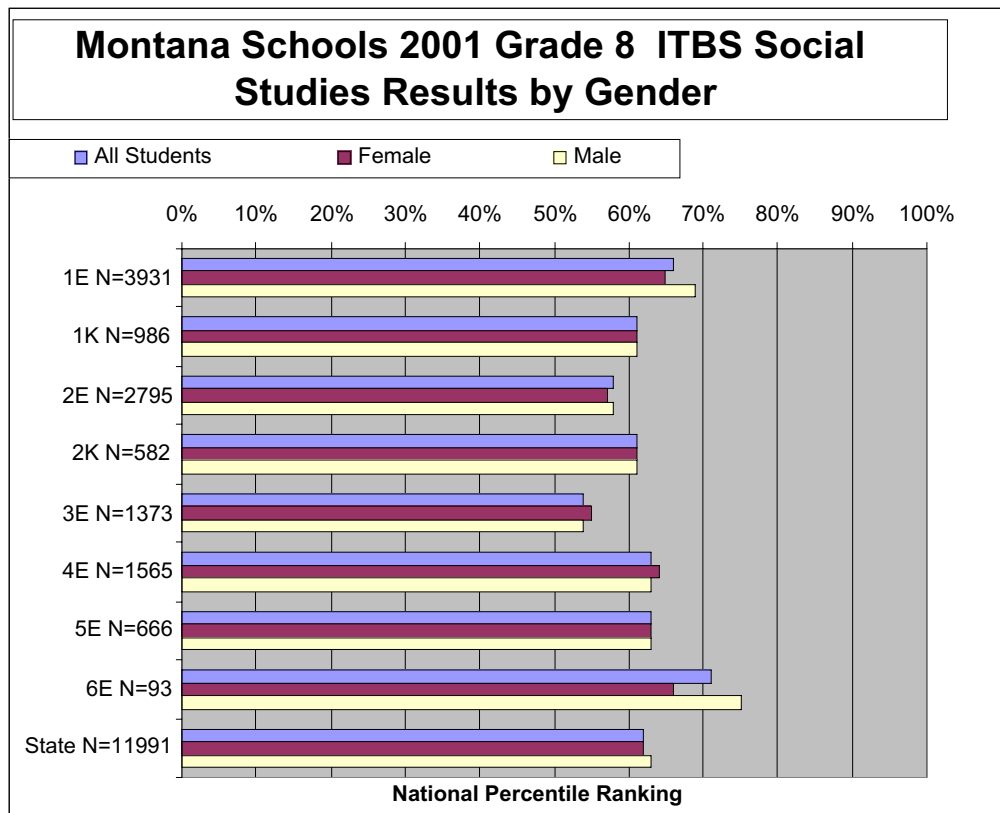
**Chart 8.1 SS**



1. All students
  - The NPR for all Montana students is 62%.
2. Students without disabilities
  - Statewide, the NPR for students without disabilities is 65%. This number is somewhat stable with most districts plus or minus 3-4 percentage points except 1E with 3490 students at 71%, 3E with 1254 students at 57%, and 6E students whose small number limits comparison.
3. Students with disabilities
  - Statewide, the NPR for students with disabilities tested is 26%. This number is stable with most district size categories at plus or minus 3-4 percentage points except 4E whose 153 students with disabilities scored 32% and 5E and 6E students whose small number limits comparison.
4. Students without and with disabilities compared
  - Statewide, Montana students without disabilities scored 39 percentage points above students with disabilities, 65% and 26% respectively. This number is relatively stable with most districts 4-5 points plus or minus the 39 percentage points.

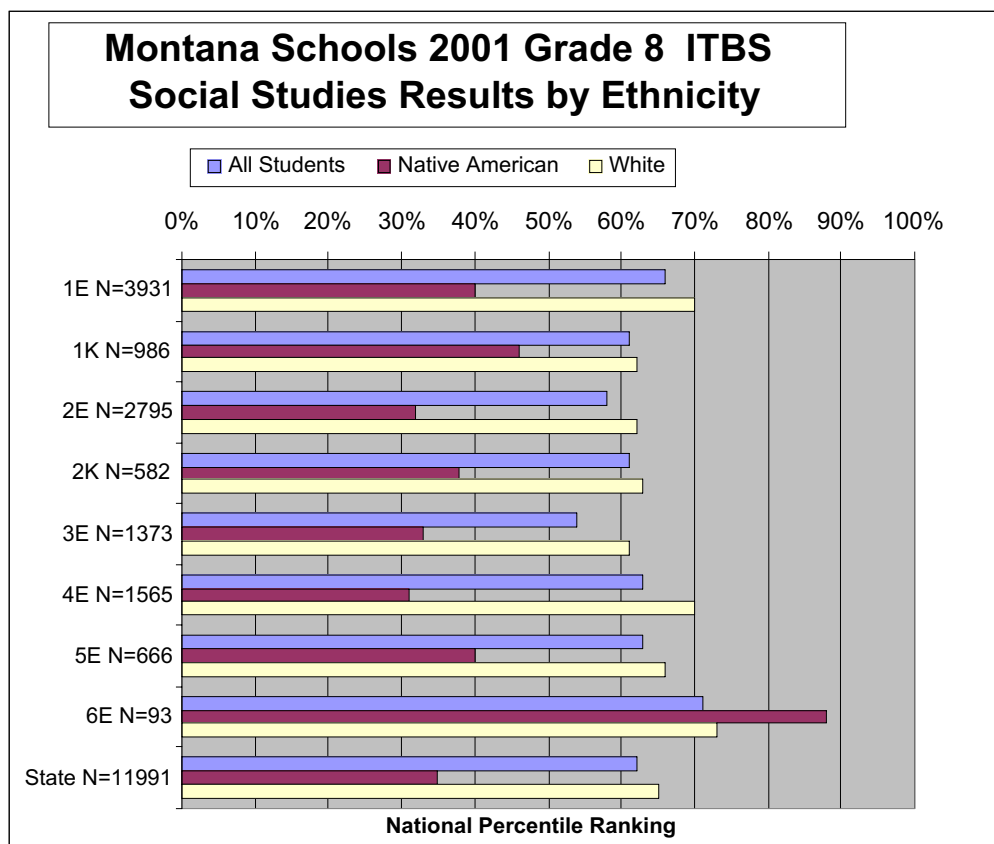


**Chart 8.2 SS**



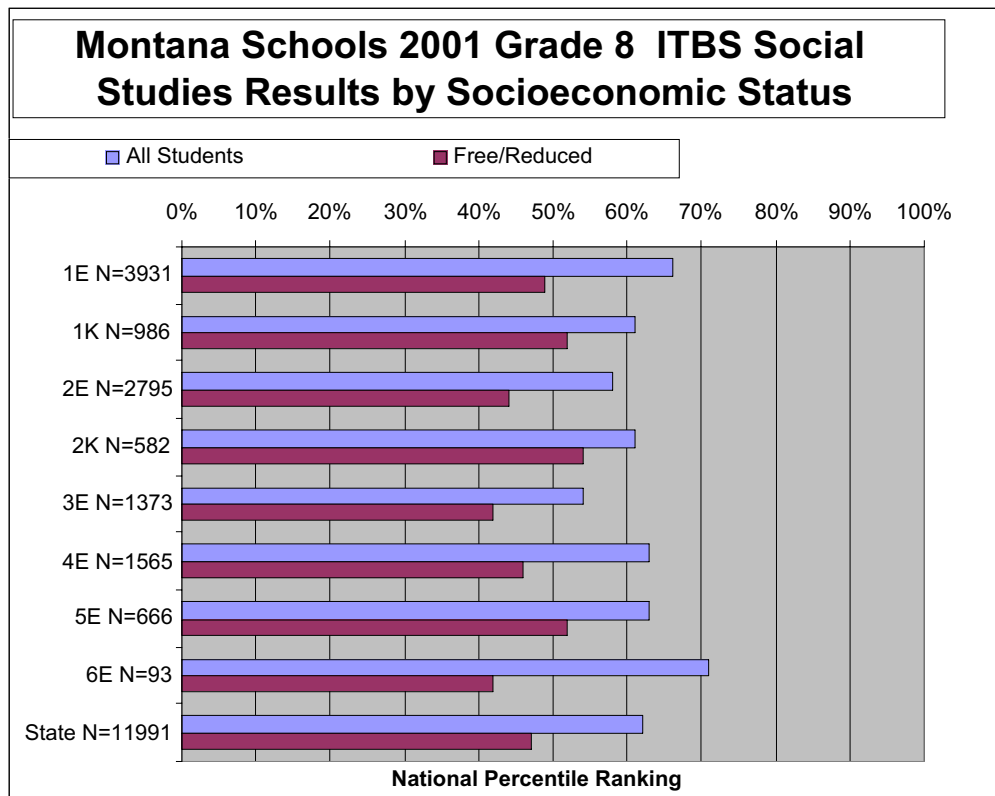
1. Male and female students
  - The NPR for all Montana students is 62%.
2. Female students
  - Statewide, the NPR for female students is 62%. That number is stable with most district size categories plus or minus 3-4 percentage points except 2E whose 1376 female students scored 57% and 3E whose 660 female students scored 55%.
3. Male students
  - Statewide, the NPR for male students is 63%. That number is relatively stable with most district size categories plus or minus 3-4 percentage points except for district size categories 1E whose 1952 male students scored 69%, 3E whose 710 male students scored 54%, and 6E whose numbers are too small for comparison.
4. Male and female students compared
  - Statewide, females scored about one percentage point below the males, 62% and 63% respectively, except 6E whose numbers are too small for comparison.

Chart 8.3 SS



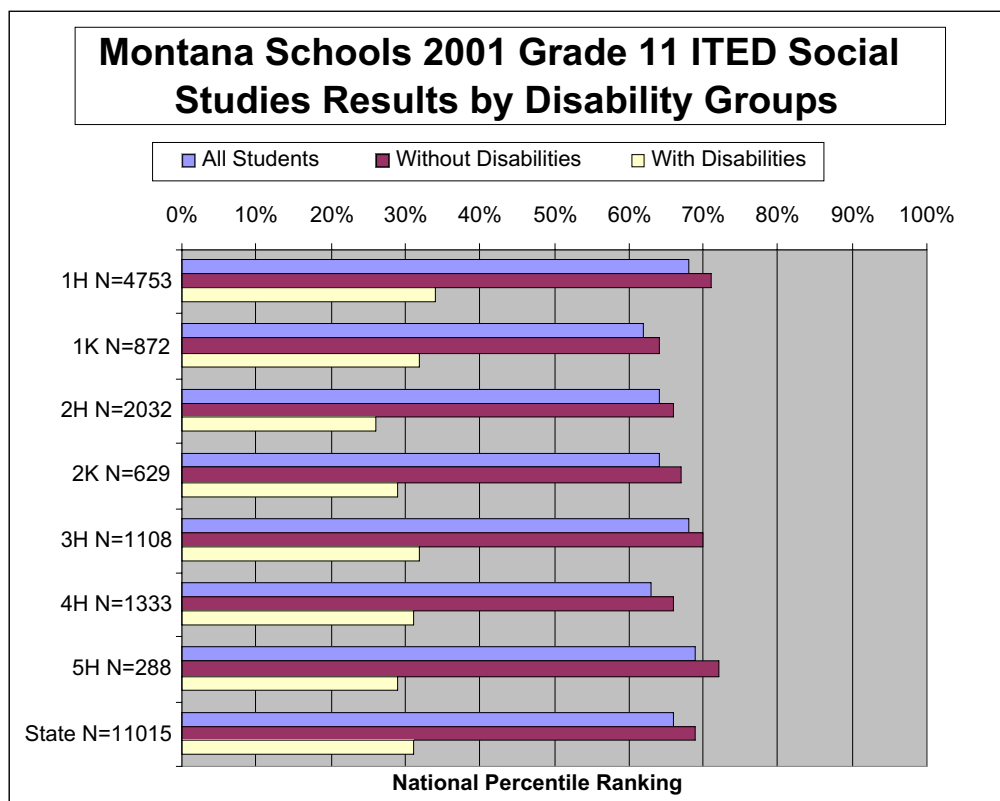
1. All students
  - The NPR for all Montana students is 62%.
2. Native American students
  - Statewide, the NPR for Native American students is 35%. This number is relatively stable with most districts plus or minus 4-5 percentage points except 1K and 6E with small numbers that limit comparisons.
3. White students
  - Statewide, the NPR for White students tested is 65%. This number is relatively stable with all district size categories at plus or minus 4-5 percentage points except 6E with small numbers that limit comparisons.
4. Native American and White students compared
  - Statewide, Montana White students scored about 30 percentage points above Native American students, 65% and 35% respectively. This number is relatively stable except for district size categories 1K and 6E indicating a different point difference, but the small number of Native Americans tested makes the data too small for any comparisons.

Chart 8.4 SS



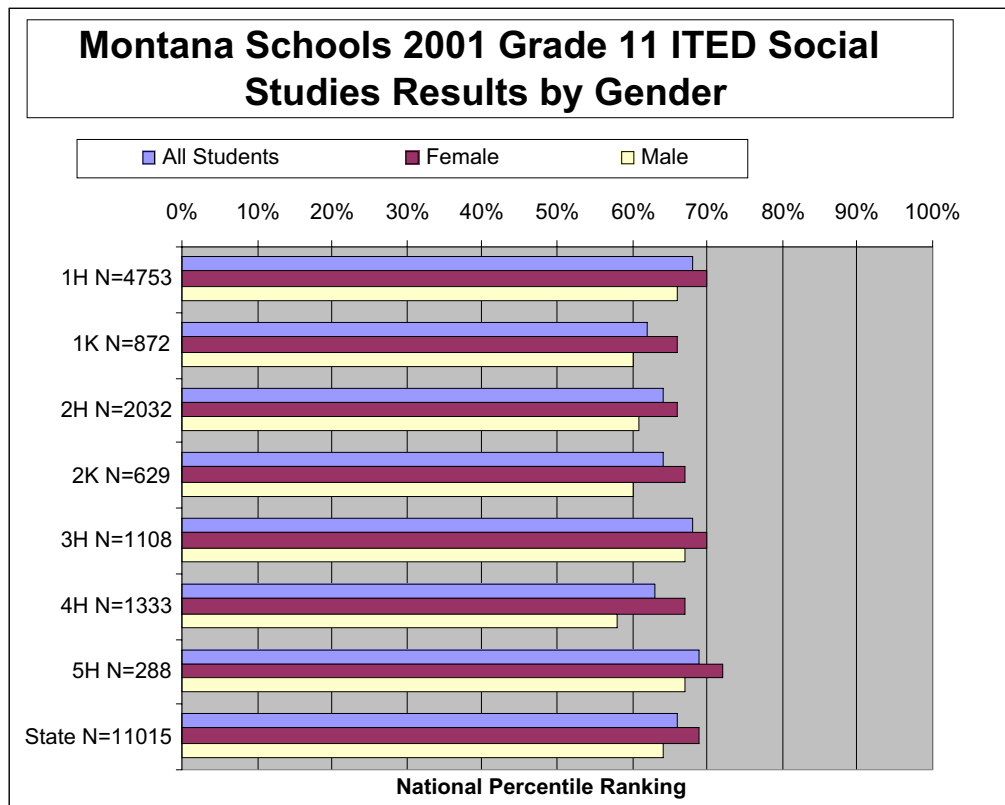
1. All students
  - The NPR for all Montana students is 62%.
2. Students participating in free/reduced lunch programs
  - Statewide, the NPR for students participating in free/reduced lunch programs is 47%. This number is relatively stable with all but one district size category scoring within plus or minus 4-5 percentage points. The 171 students in the 2K district size category who participated in free/reduced lunch programs scored 54%.
3. Comparison
  - Statewide, all Montana students scored about fifteen percentage points higher than those participating in free/reduced lunch programs except a very small number of students in size category 6E.

**Chart 11.1 SS**



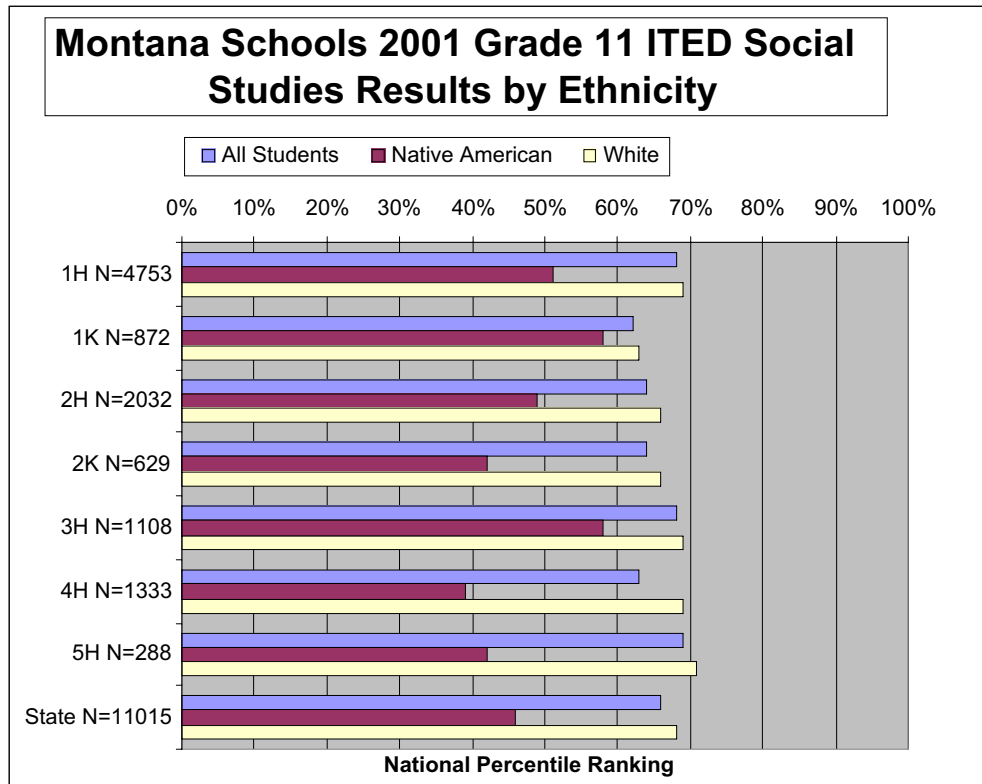
1. All students
  - The NPR for all Montana students is 66%.
2. Students without disabilities
  - Statewide, the NPR for students without disabilities is 69%. This number is relatively stable with most districts plus or minus 3-4 percentage points except 1K with 812 students at 64%.
3. Students with disabilities
  - Statewide, the NPR for students with disabilities tested is 32%. This number is stable with most district size categories at plus or minus 3-4 percentage points except 2H whose 106 students with disabilities scored 26%.
4. Students without and with disabilities compared
  - Statewide, Montana students without disabilities scored 37 percentage points above students with disabilities, 69% and 32% respectively. This number is relatively stable with most districts 4-5 points plus or minus the 37 percentage points except 4H and 1K whose small numbers limit comparison.

**Chart 11.2 SS**



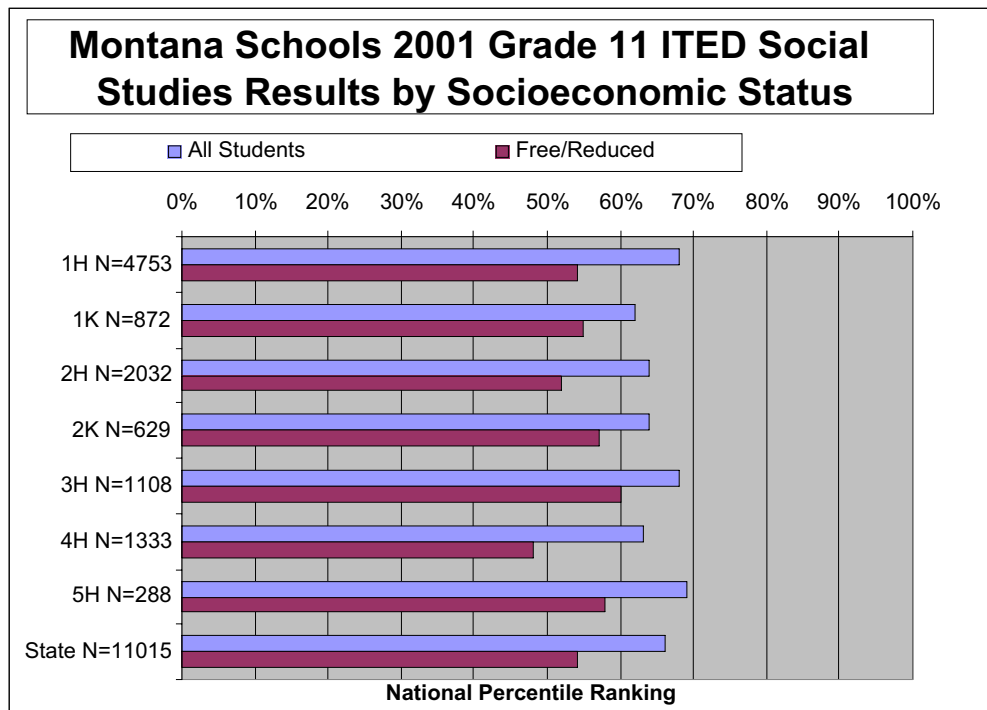
1. Male and female students
  - The NPR for all Montana students is 66%.
2. Female students
  - Statewide, the NPR for female students is 69%. That number is stable with all district size categories plus or minus 2-3 percentage points.
3. Male students
  - Statewide, the NPR for male students is 64%. That number is relatively stable with most district size categories plus or minus 3-4 percentage points except for district size category 4H whose 673 male students scored 58%.
4. Male and female students compared
  - Statewide, females scored about five percentage points above males, 69% and 64% respectively.

Chart 11.3 SS



1. All students
  - The NPR for all Montana students is 66%.
2. Native American students
  - Statewide, the NPR for Native American students is 46%. This number is relatively stable with most districts plus or minus 4-5 percentage points except 4H whose 274 Native American students scored 39%, 3H whose 89 Native American students scored 58%, and a small number of students in 1K that limit comparisons.
3. White students
  - Statewide, the NPR for White students tested is 68%. This number is relatively stable with all district size categories at plus or minus 4-5 percentage points.
4. Native American and White students compared
  - Statewide, Montana White students scored about 22 percentage points above Native American students, 68% and 46% respectively. This number is relatively stable except for district size categories 4H which indicates a 30 point difference, 3H with an eleven point difference, and 1K and 5H showing a different point difference, but the small number of Native Americans tested makes the data too small for comparisons.

Chart 11.4 SS



1. All students
  - The NPR for all Montana students is 66%.
2. Students participating in free/reduced lunch programs
  - Statewide, the NPR for students participating in free/reduced lunch programs is 54%. This number is relatively stable with most district size categories scoring within plus or minus 3-4 percentage points. The 197 students in the 3H district size category participating in free/reduced lunch programs scored 60%, and the 403 students in the 4H category scored 48%.
3. Comparison
  - Statewide, all Montana students scored about twelve percentage points higher than those participating in free/reduced lunch programs except for district size categories 1K and 2K whose point difference is seven points.